

## INDEX

- Akamatsu T.** *See* Matsushita, Murata & Akamatsu
- Ambari, A., Gauthier-Manuel, B. & Guyon, E.** Wall effects on a sphere translating at constant velocity, 235–253
- Antonia, R. A.** *See* Browne, Antonia & Chambers
- Arbey, H. & Ffowcs-Williams, J. E.** Active cancellation of pure tones in an excited jet, 445–454
- Ayyaswamy, P. S.** *See* Sundararajan & Ayyaswamy
- Barnes, F. H.** *See* Barrow, Barnes & Ross
- Barrow, J., Barnes, F. H. & Ross, M. A. S.** The structure of a turbulent spot in Blasius flow, 319–337
- Browne, L. W. B., Antonia, R. A. & Chambers, A. J.** The interaction region of a turbulent plane jet, 355–373
- Caspar, J. R.** *See* Verdon & Caspar
- Chambers, A. J.** *See* Browne, Antonia & Chambers
- Davis, S. H.** *See* Schulz, Zebib, Davis & Lee
- Demmig, F.** *See* Krauss-Varban & Demmig
- Fasel, H.** *See* Williams, Fasel & Hama
- Fernandez de la Mora, J., Halpern, B. L. & Wilson, J. A.** Inertial impaction of heavy molecules, 217–233
- Ffowcs-Williams, J. E.** *See* Arbey & Ffowcs-Williams
- Gauthier-Manuel, B.** *See* Ambari, Gauthier-Manuel & Guyon
- Goldstein, M. E.** Sound generation and upstream influence due to instability waves interacting with non-uniform mean flows, 161–177
- Guyon, E.** *See* Ambari, Gauthier-Manuel & Guyon
- Halpern, B. L.** *See* Fernandez de la Mora, Halpern & Wilson
- Hama, F. R.** *See* Williams, Fasel & Hama
- Helfrich, K. R., Melville, W. K. & Miles, J. W.** On interfacial solitary waves over slowly varying topography, 305–317
- Hsu, C.-C.** *See* Liakopoulos & Hsu
- Johnson, E. R.** Starting flow for an obstacle moving transversely in a rapidly rotating fluid, 71–88
- Krauss-Varban, D. & Demmig, F.** Model calculations of the ionization relaxation and radiative cooling in unsteady krypton and xenon shock waves, 375–383
- Leal, L. G.** *See* Yang & Leal
- Lee, Y.** *See* Schulz, Zebib, Davis & Lee
- Liakopoulos, A. & Hsu, C.-C.** On a class of compressible laminar boundary-layer flows and the solution behaviour near separation, 339–353
- Longuet-Higgins, M. S.** New integral relations for gravity waves of finite amplitude, 205–215
- McNulty, A. J.** *See* Nokes, McNulty & Wood

- Matsushita, M., Murata, S. & Akamatsu, T.** Studies on boundary-layer separation in unsteady flows using an integral method, 477–501
- Melville, W. K.** *See* Helfrich, Melville & Miles
- Miles, J. W.** Internally resonant surface waves in a circular cylinder, 1–14
- Miles, J. W.** Resonantly forced surface waves in a circular cylinder, 15–31
- Miles, J. W.** *See* Helfrich, Melville & Miles
- Miranda, G.** *See* Power, Miranda & Villamizar
- Murata, S.** *See* Matsushita, Murata & Akamatsu
- Nakagawa, T. & Scott, J. C.** Stream meanders on a smooth hydrophobic surface, 89–99
- Nakamura, Y. & Ohya, Y.** The effects of turbulence on the mean flow past two-dimensional rectangular cylinders, 255–273
- Newell, T. A.** Characteristics of a double-diffusive interface at high density stability ratios, 385–401
- Nokes, R. I., McNulty, A. J. & Wood, I. R.** Turbulent dispersion from a steady two-dimensional horizontal source, 147–159
- Ohya, Y.** *See* Nakamura & Ohya
- Pennell, S. A. & Su, C. H.** A seventeenth-order series expansion for the solitary wave, 431–443
- Power, H., Miranda, G. & Villamizar, V.** Integral-equation solution of potential flow past a porous body of arbitrary shape, 59–69
- Ross, M. A. S.** *See* Barrow, Barnes & Ross
- Schulz, W. W., Zebib, A., Davis, S. H. & Lee, Y.** Nonlinear stability of Newtonian fibres, 455–475
- Scott, J. C.** *See* Nakagawa & Scott
- Sneyd, A. D.** Aerodynamic coefficients and longitudinal stability of sail aerofoils, 127–146
- Su, C. H.** *See* Pennell & Su
- Sundararajan, T. & Ayyaswamy, P. S.** Hydrodynamics of heat transfer associated with condensation on a moving drop: solutions for intermediate Reynolds numbers, 33–58
- Verdon, J. M. & Caspar, J. R.** A linearized unsteady aerodynamic analysis for transonic cascades, 403–429
- Villamizar, V.** *See* Power, Miranda & Villamizar
- Williams, D. R., Fasel, H. & Hama, F. R.** Experimental determination of the three-dimensional vorticity field in the boundary-layer transition process, 179–203
- Wilson, J. A.** *See* Fernandez de la Mora, Halpern & Wilson
- Wood, I. R.** *See* Nokes, McNulty & Wood
- Yang, S. M. & Leal, L. G.** Particle motion in Stokes flow near a plane fluid–fluid interface. Part 2. Linear shear and axisymmetric straining flows, 275–304
- Zaleski, S.** Cellular patterns with boundary forcing, 101–125
- Zebib, A.** *See* Schulz, Zebib, Davis & Lee